

PI 520761 to 520769. *Zea mays* L. POACEAE Corn

Donated by: Eberhart, S.A., National Seed Storage Laboratory, USDA-ARS, Colorado State University, Ft. Collins, Colorado, United States; and Briggs, R.W., Funk Seed International, 1300 W. Washington St., Bloomington, Illinois, United States. **remarks:** Developed and released by Funk Seeds International. Received July 15, 1988.

- PI 520761 **donor id:** GS07(R)C2. **origin:** United States. **pedigree:** Sel. from BS7(S)C1 by two cycles of reciprocal recurrent selection. **other id:** GP-184. **group:** CSR-MAIZE. **remarks:** Yellow dent synthetic. AES maturity 400. Primary selection traits increased yield and reduced root and stalk lodging. Breeding Material. Seed.
- PI 520762 **donor id:** GS17CO. **origin:** United States. **pedigree:** Tuxpeno P.B. C7/RSSSC. **other id:** GP-185. **group:** CSR-MAIZE. **remarks:** Yellow dent synthetic. AES maturity 1200. **disease resistance:** Tolerance to maize dwarf mosaic and chlorotic dwarf viruses. Breeding Material. Seed.
- PI 520763 **donor id:** GS34(R)C2. **origin:** United States. **pedigree:** BSCB1(R)C7, BS11(FR)C3, and BS12(HI)C6*/EC573(R12)C4. **other id:** GP-186. **group:** CSR-MAIZE. **remarks:** Yellow semi-flint synthetic. AES maturity 1200. Selected for increased yield, reduced plant height, and reduced root and stalk lodging. Breeding Material. Seed.
- PI 520764 **donor id:** GS11(R)C1. **origin:** Mexico. **pedigree:** Kitale II(R11)C6*/GS17CO. **other id:** GP-187. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** White dent synthetic. AES maturity later than 1100. Selected for reduced plant height, root and stalk lodging, and for increased yield. **disease resistance:** Common rust (*Puccinia sorghi*). Northern corn leaf blight (*Exserohilum turcicum*). Ear rot (*Fusarium* sp.). Breeding Material. Seed.
- PI 520765 **donor id:** GS12(R)C1. **origin:** Mexico. **pedigree:** ETO/BS16//*EC573(R12)C6. **other id:** GP-188. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** White dent synthetic. AES maturity later than 1200. Selected for increased yield and reduced plant height. **disease resistance:** Common rust (*Puccinia sorghi*). Northern corn leaf blight (*Exserohilum turcicum*). Breeding Material. Seed.